PROJECT TITLE : Unit Operations I

PERIOD COVERED : March 27th - April 29th, 1980

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NINOMASS

We decided to rent a fluidized bed dryer with a capacity of 10 kg/h of NINOMASS. This drying unit, which works batchwise, will be supplied by Aeromatic in Basel mid-May.
The results of the comparative amino acid analysis were received from one lab (Ref. 1). This analysis was carried out on freeze dried NINOMASS in an external laboratory.
We are awaiting a price offer for dried NINOMASS from VLGZ, Sursee, a potential buyer of this product.

RL - HANDSHEET MAKING UNIT

PME does not have RL sheet making facilities. It was decided to create at least a hand sheet making capability according to the papermaking process within R + D.

The paper-mill Biberist was visited (Ref. 2).
Biberist is the biggest paper producer in Switzerland.

The manager quality control, Dr. Arneberg, explained the equipment in their development lab. such as mills, experimental beaters, refiners, sheet-formers, dryers, etc.

It was offered to us to use their lab facilities for sheet making trials which are scheduled for May 6th. The objective of these trials is to produce base webs with extracted RL Europe feedstock.

Also the Swiss representative for testing equipment in the paper-mill industry was contacted. He provided catalogues for lab. equipment used in the paper industry.

REFERENCES

Ref 1 : Untersuchungsbericht Nr. 5852; Rob. Ehrismann AG, 5200 Windisch; April 10th, 1980.
Ref 2 : Besuch der Papierfabrik Biberist; April 17th, 1980.

PROCESS DEVELOPMENT

P. Karbacher

KPA/sde/May 7th, 1980

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